

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement</b> by Applicant (Use several sheets if necessary)		Applicant	Michael F. Thomashow, et al	
		Filing Date 08-01-2003	Group Art Unit 1638	
37 CFR §1.98(b)				

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	US 4,683,195	07-28-1987	Mullis et al			
	AB	US 4,683,202	07-28-1987	Mullis			
	AC	US 4,965,188	10-23-1990	Mullis et al			
	AD	US 5,296,462	03-22-1994	Thomashow			
	AE	US 5,356,816	10-18-1994	Thomashow			
	AF	US 5,420,034	05-30-1995	Kridl et al			
	AG	US 5,773,696	06-30-1998	Liang et al			
	AH	US 5,773,701	06-30-1998	Braun, III et al			
	AI	US 5,891,859	04-06-1999	Thomashow et al			
	AJ	US 5,892,009	04-06-1999	Thomashow et al			
	AK	US 5,929,305	07-27-1999	Thomashow et al			
	AL	US 5,965,705	10-12-1999	Thomashow et al			
W	AM	US 6,417,428 B1	07-09-2002	Thomashow et al			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country of Patent Office	Class	Subclass	Translation
							Yes No
W	AN	0120516 B1	10-23-1991	EPO			

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AO	Abbaraju, H.K.R. and Oliver, D.J. Direct submission to GenBank, accession number AF079503
	AP	Abler, M.L., and Green, P.J. Control of mRNA stability in higher plants. Plant Mol. Biol. 32:63-78, 1996
W	AQ	Adamska, I. ELIPs - Light-induced stress proteins. Physiol. Planatrum 100:794-805, 1997

Examiner Signature	<i>V. Thomashow</i>	Considered	<i>10/18/2003</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Michael F. Thomashow et al		
37 CFR §1.98(b)		Filing Date 08-01-2003	Group Art Unit 1638	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AR	Aldemita, R. and Hodges, T. <i>Agrobacterium tumefaciens</i> -mediated transformation of <i>japonica</i> and <i>indica</i> rice varieties. <i>Planta</i> 199:612-617, 1996
	AS	Ammirato et al. (1984) <i>Handbook of Plant Cell Culture—Crop Species</i> . Macmillan Publ. Co.
	AT	Anderson, M.L.M. and Young, B.D. Quantitative Filter Hybridisation, in <i>Nucleic Acid Hybridisation</i> , 1985
	AU	Baker, S.S., Wilhelm, K.S., and Thomashow, M.F. The 5'-region of <i>Arabidopsis thaliana</i> cor15a has cis-acting elements that confer cold-, drought- and ABA-regulated gene expression. <i>Plant. Mol. Biol.</i> 24:701-713, 1994
	AV	Beator, J., Pötter, and Kloppstech, K. The Effect of Heat Shock on Morphogenesis in Barley. <i>Plant Physiol.</i> 100:1780-1786, 1992
	AW	Berry, J. A. and Raison, J.K. Responses of Macrophytes to Temperature. In <i>Encyclopedia of Plant Physiology</i> , Vol. 12A, eds. Lange, O. L., Nobel, P. S., Osmond, C. B. and Ziegler, H. (Springer, Berlin), pp. 277-338, 1981
	AX	Bevan, M. Binary <i>Agrobacterium</i> vectors for plant transformation. <i>Nucleic Acids Res.</i> 12:8711-8721, 1984
	AY	Chamberlin, M., McGrath, J., and Waskell, J. New RNA Polymerase from <i>Escherichia coli</i> infected with Bacteriophage T7. <i>Nature</i> 228:227-231, 1970
	AZ	Christou, P., Ford, T.L., and Kofron, M. Production of Transgenic Rice ( <i>Oryza Sativa L.</i> ) Plants from Agronomically Important Indica and Japonica Varieties Via Electric Discharge Particle Acceleration of Exogenous DNA into Immature Zygotic Embryos. <i>Bio/Technology</i> 9:957-962, 1991
	BA	Ciardi, J.A., Deikman, J., and Orzolek, M.D. Increased ethylene synthesis enhances chilling tolerance in tomato. <i>Physiol. Plantarum</i> 101:333-340, 1997
	BB	Desikan, R., Mackerness, S., Hancock, J.T., and Neill, S.J. Regulation of the <i>Arabidopsis</i> Transcriptome by Oxidative Stress. <i>Plant Physiol.</i> 127:159-172, 2001
	BC	Ding, J.P. and Pickard, B.G. Modulation of mechanosensitive calcium-selective cation channels by temperature. <i>Plant J.</i> 3:713-720, 1993
	BD	Eimert, K., Wang, S., Lue, W., and Chen, J. Monogenic Recessive Mutations Causing Both Late Floral Initiation and Excess Starch Accumulation in <i>Arabidopsis</i> . <i>The Plant Cell</i> 7:1703-1712, 1995
W	BE	Fling, M.E., Kopf, J., and Richards, C. Nucleotide sequence of the transposon Tn7 gene encoding an aminoglycoside-modifying enzyme, 3"(9)-O-nucleotidyltransferase. <i>Nucleic Acids Res.</i> 13:7095-7106, 1985

Examiner Signature	<i>Michael F. Thomashow</i>	Considered	10/18/2005
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Michael F. Thomashow et al		
37 CFR §1.98(b)		Filing Date 08-01-2003	Group Art Unit 1638	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Design ID	Document
	BF	Fowler, Sarah, Lee, K., Onouchi, H., Samach, A., Richardson, K., Morris, B., Coupland, G., and Putterill, J. <i>GIGANTEA: a circadian clock-controlled gene that regulates photoperiodic flowering in Arabidopsis and encodes a protein with several possible membrane-spanning domains.</i> EMBO J. 18:4679-4688, 1999
	BG	Fraley, R.T., Rogers, S.G., Horsch, R.B., Sanders, P.R., Flick, J.S., Adams, S.P., Bittner, M.L., Brand, L.A., Fink, C. L., Fry, J.S., Galluppi, G. R., Goldberg, S.B., Hoffmann, N.L., and Woo, S.C. Expression of bacterial genes in plant cells. Proc. Natl. Acad. Sci. USA 80:4803-4807, 1983
	BH	Fromm, M.E., Morish, F., Armstrong, C. Williams, R., Thomas, J., and Klein, T.M. Inheritance and Expression of Chimeric Genes in the Progeny of Transgenic Maize Plants. Bio/Technology 8:833-839, 1990
	BI	Fujimoto, S.Y., Ohta, M., Usui, A., Shinshi, H., and Ohme-Takagi, M. Arabidopsis Ethylene-responsive Element Binding Factors Act as Transcriptional Activators or Repressors of GCC Box-Mediated Gene Expression. The Plant Cell 12:393-404, 2000
	BJ	Gilmour, S.J., Zarka, D.G., Stockinger, E.J., Salazar, M.P., Houghton, J.M., and Thomashow, M.F. Low temperature regulation of the <i>Arabidopsis</i> CBF family of AP2 transcriptional activators as an early step in cold-induced COR gene expression. Plant J. 16, 433-442, 1998
	BK	Gilmour, S.J., Sebolt, A.M., Salazar, M.P., Everard, J.D., and Thomashow, M.F. Overexpression of the <i>Arabidopsis</i> CBF3 Transcriptional Activator Mimics Multiple Biochemical Changes Associated with Cold Acclimation. Plant Physiol. 124:1854-1865, 2000
	BL	Gordon-Kamm, W., Spencer, T.M., Mangano, M.L., Adams, T.R., Daines, r.J., Start, W.G., O'Brien, J.V., Chambers, S.A., Adams, W.R., Willets, N.G., Rice, T.B., Mackey, C.J., Krueger, R.W., Kausch, A.P., and Lemieux, P.G. Transformation of Maize Cells and Regeneration of Fertile Transgenic Plants. The Plant Cell 2:603-618, 1990
	BM	Guy, C. L., Cold Acclimation and Freezing Stress Tolerance: Role of Protein Metabolism. Annu. Rev. Plant Physiol. Plant Mol. Biol. 41:187-223, 1990
	BN	Hajela, R. K., Horvath, D. P., Gilmour, S.J., and Thomashow, M.F. Molecular Cloning and Expression of cor (Cold-Regulated) Genes in <i>Arabidopsis thaliana</i> . Plant Physiol. 93:1246-1252, 1990
	BO	Heddad, M. and Adamska, I. Light stress-regulated two-helix proteins in <i>Arabidopsis thaliana</i> related to the chlorophyll a/b-binding gene family. Proc. Natl. Acad. USA 97:3741-3746, 2000
	BP	Heintzen, C., Melzer, S., Fischer, R., Kappeler, S., Apel, K., and Staiger, D. A light- and temperature-entrained circadian clock controls expression of transcripts encoding nuclear proteins with homology to RNA-binding proteins in meristematic tissue. Plant J. 5:799-813, 1994
✓	BQ	Herrera-Estrella, L., Depicker, A., VanMontagu, M. and Schell, J. Expression of chimaeric genes transferred into plant cells using a Ti-plasmid-derived vector. Nature 303:209-213, 1983

Examiner Signature		Considered	10/18/2005
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Michael F. Thomashow et al		
37 CFR §1.98(b)		Filing Date 08-01-2003	Group Art Unit 1638	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Design. ID	Document
	BR	Hiei, Y., Ohta, S., Komari, T., and Kumashiro, T. Efficient transformation of rice ( <i>Oryza sativa L.</i> ) mediated by <i>Agrobacterium</i> and sequence analysis of the boundaries of the T-DNA. <i>Plant J.</i> 6:271-282, 1994
	BS	Hiratsu, K., Ohta, M., Matsui, K., and Ohme-Takagi, M. The SUPERMAN protein is an active repressor whose carboxy-terminal repression domain is required for the development of normal flowers. <i>FEBS Letters</i> 514:351-354, 2002
	BT	Horvath, D.P., McLarney, and Thomashow. Regulation of <i>Arabidopsis thaliana</i> L. (Heyn) cor78 in Response to Low Temperature. <i>Plant Physiol.</i> 103:1047-1053, 1993
	BU	Huner, N., Oquist, G., and Sarhan, F. Energy balance and acclimation to light and cold. <i>Trends Plant Sci.</i> 3:224-230, 1998
	BV	Huq, E., Tepperman, J.M., and Quail, P. GIGANTEA is a nuclear protein involved in phytochrome signaling in <i>Arabidopsis</i> . <i>Proc. Natl. Acad. Sci. USA</i> 97:9789-9794, 2000
	BW	Ishida, Y., Saito, H., Ohta, S., Hiei, Y., Komari, T., and Kumashiro, T. High efficiency transformation of maize ( <i>Zea mays L.</i> ) mediated by <i>Agrobacterium tumefaciens</i> . <i>Nature Biotech.</i> 14:745-750, 1996
	BX	Ishitani, M., Xiong, L., Lee, H., Stevenson, B. and Zhu, J. HOS1, a Genetic Locus Involved in Cold-Responsive Gene Expression in <i>Arabidopsis</i> . <i>Plant Cell</i> 10:1151-1161, 1998
	BY	Jaglo-Ottosen, K.R., Gilmour, S.J., Zarka, D.G., Schabenberger, O., Thomashow, M.F. <i>Arabidopsis CBF1</i> Overexpression Induces COR Genes and Enhances Freezing Tolerance. <i>Science</i> , 280:104-106, 1998
	BZ	Jaglo, K.R., Kleff, S., Amundsen, K.L., Zhang, X., Haake, V., Khang, J.Z., Deits, T., and Thomashow, M.F. Components of the <i>Arabidopsis</i> C-Repeat/Dehydration-Response Element Binding Factor Cold-Response Pathway Are Conserved in <i>Brassica napus</i> and Other Plant Species. <i>Plant Physiol.</i> , 127:910-917, 2001
	CA	Jiang, C., Iu, B. and Singh, J. Requirement of a CCGAC <i>cis</i> -acting element for cold induction of the N115 gene from winter <i>Brassica napus</i> . <i>Plant Mol. Biol.</i> 30:679-684, 1996
	CB	Kacian, D.L., Mills, D.R., Kramer, F.R., and Spiegelman, S. A Replicating RNA Molecule Suitable for a Detailed Analysis of Extracellular Evolution and Replication. <i>Proc. Natl. Acad. Sci. USA</i> 69:3038-3042, 1972
	CC	Kagaya, Y., Ohmiya, K., and Hattori, T. RAV1, a novel DNA-binding protein, binds to bipartite recognition sequence through two distinct DNA-binding domains uniquely found in higher plants. <i>Nucleic Acids Res.</i> 27:470-478, 1999
	CD	Kay, R., Chan, A., Daly, M., and McPherson, J. Duplication of CaMV 35S Promotor Sequences Creates a Strong Enhancer for Plant Genes. <i>Science</i> 236:1299-1302, 1987
✓	CE	Klee, H.J., Yanofsky, M.F., and Nester, E.W. Vectors for Transformation of Higher Plants. <i>Bio/Technology</i> 3:637-642, 1985

Examiner Signature	<i>Vinod Kumar</i>	Considered	10/18/2005
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Michael F. Thomashow et al	
37 CFR §1.98(b)		Filing Date 08-01-2003	Group Art Unit 1638

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	CF	Kloppstech, K., Otto, B., and Sierralta, W. Cyclic temperature treatments of dark-grown pea seedlings induce a rise in specific transcript levels of light-regulated genes related to photomorphogenesis. Mol. Genet 225:468-473, 1991
	CG	Knight, H., Trewavas, A.J., and Knight, M.R. Cold Calcium Signaling in <i>Arabidopsis</i> Involves Two cellular Pools and a Change in Calcium Signature after Acclimation. The Plant Cell 8:489-503, 1996
	CH	Knight, M.R., Campbell, A.K., Smith, S.M., and Trewavas, A.J. Transgenic plant aequorin reports the effects of touch and cold-shock and elicitors on cytoplasmic calcium. Nature 352:524-526, 1991
	CI	Koncz, C. and Schell, J. The promoter of T <sub>L</sub> -DNA gene 5 controls the tissue-specific expression of chimaeric genes carried by a novel type of Agrobacterium binary vector. Mol. Gen. Genet 204:383-396, 1986
	CJ	Koornneef, M., Hanhart, C. J., and vanderVeen, J.H. A genetic and physiological analysis of late flowering mutants in <i>Arabidopsis thaliana</i> . Mol. Gen. Genet 229:57-66, 1991
	CK	Kranz, H.D., Denekamp, M., Greco, R., Jin, H., Leyva, A., Meissner, R., Petroni, K., Urzainqui, A., Bevan, M., Martin, C., Smeekens, S., Tonelli, C., Paz-Ares, J., and Weisshaar, B. Towards functional characterisation of the members of the R2R3-MYB gene family from <i>Arabidopsis thaliana</i> . Plant J. 16:263-276, 1998
	CL	Krapp, A. and Stitt, M. An evaluation of direct and indirect mechanisms for the "sink-regulation" of photosynthesis in spinach: Changes in gas exchange, carbohydrates, metabolites, enzyme activities and steady-state transcript levels after cold-girdling source leaves. Planta 195:313-323, 1995
	CM	Lang, A. Physiology of flower initiation. In Encyclopedia of Plant Physiology, Vol.15-1, ed. Ruhland, W. (Springer, Berlin), pp. 1484-1536, 1965
	CN	Lee, Y. and Chun, J. A new homeodomain-leucine zipper gene from <i>Arabidopsis thaliana</i> induced by water stress and abscisic acid treatment. Plant Mol. Biol. 37:377-384, 1998
	CO	Lipshutz, R. J., Fodor, S.P.A., Gingras, T. R., and Lockhart, D.J. High density synthetic oligonucleotide arrays. Nat. Genet. Supp. 21:20-24, 1999
	CP	Liu, Q., Kasuga, M., Sakuma, Y., Abe, H., Miura, S., Yamaguchi-Shinozaki, K., and Shinozaki, K. Two Transcription Factors, DREB1 and DREB2, with an EREBP/AP2 DNA Binding Domain Separate Two Cellular Signal Transduction Pathways in Drought- and Low-Temperature-Responsive Gene Expression, Respectively, in <i>Arabidopsis</i> . Plant Cell 10:1391-1406, 1998
	CQ	Kasuga, M., Liu, Q., Miura, S., Yamaguchi-Shinozaki, K. and Shinozaki, K. Improving plant drought, salt, and freezing tolerance by gene transfer of a single stress-inducible transcription factor. Nature Biotechnol. 17:287-291, 1999
VL	CR	Mayer et al., Sequence and analysis of chromosome 4 of the plant <i>Arabidopsis thaliana</i> . Nature 402:769-777, 1999

Examiner Signature <i>Vinod Kumar</i>	Considered <i>10/18/2005</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Michael F. Thomashow et al	
37 CFR §1.88(b)		Filing Date 08-01-2003	Group Art Unit 1638

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	CS	McCarty, D.R., Haltori, T., Carson, C.B., Vasil, V., Lazar, M., and Vasil, I. The <i>Viviparous-1</i> Developmental Gene of Maize Encodes a Novel Transcriptional Activator. <i>Cell</i> 66:895-905, 1991
	CT	McWatters, H.G., Bastow, R.M., Hall, A., and Millar, A.J. The ELF3 zeitnehmer regulates light signaling to the circadian clock. <i>Nature</i> 408:716-720, 2000
	CU	Meissner, R. and Michael, A.J. Isolation and characterisation of a diverse family of <i>Arabidopsis</i> two and three-fingered C <sub>2</sub> H <sub>2</sub> zinc finger protein genes and cDNAs. <i>Plant Mol. Biol.</i> 33: 615-624, 1997
	CV	Monroy, A.F., Sarhan, F., and Dhindsa, R. Cold-Induced Changes in Freezing tolerance, Protein Phosphorylation, and Gene Expression. <i>Plant Physiol.</i> 102:1227-1235, 1993
	CW	Monroy, A.F. and Dhindsa, R.S. Low-Temperature Signal transduction: Induction of Cold Acclimation-Specific Genes of Alfalfa by Calcium at 25°C. <i>The Plant Cell</i> , 7:321-331, 1995
	CX	Moscovici-Kadouri, S., Chamovitz, D.A. The Electronic Plant Gene Register. <i>Plant Physiol.</i> 115:1287-1289, 1997
	CY	Odell, J. T., Nagy, F., and Chua, N. Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter. <i>Nature</i> 313:810-812, 1985
	CZ	Ohta, M., Matsui, K., Hiratsu, K., Shinshi, H., and Ohme-Takagi, M. Repression Domains of Class II ERF Transcriptional Repressors Share an Essential Motif for Active Repression. <i>The Plant Cell</i> 13:1959-1968, 2001
	DA	Okamuro, J.K., Caster, B., Villarroel, R., VanMontagu, M. and Jofuku, K.D. The AP2 domain of APETALA2 defines a large new family of DNA binding proteins in <i>Arabidopsis</i> . <i>Proc. Natl. Acad. Sci. USA</i> 94:7076-7081, 1997
	DB	Østergaard, L., Pedersen, A.G., Jespersen, H.M., Brunak, S., and Welinder, K.G. Computational analyses and annotations of the <i>Arabidopsis</i> peroxidase gene family. <i>FEBS Letters</i> 433:98-102, 1998
	DC	Pang, P., Pruitt, R.E., and Meyerowitz, E.M. Molecular cloning, genomic organization, expression and evolution of 12S seed storage protein genes of <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> 11:805-820, 1988
	DD	Park, D.H., Somers, D.E., Kim, Y.S., Choy, Y.H., Lim, H.K., Soh, M.S., Kim, H.J., Kay, S.A., and Nam, H.G. Control of Circadian Rhythms and Photoperiodic Flowering by the <i>Arabidopsis GIGANTEA</i> Gene. <i>Science</i> 285:1579-1582, 1999
	DE	Rashid, H., Yokoi, S., Toriyama, K., and Hinata, K. Transgenic plant production mediated by <i>Agrobacterium</i> in <i>Indica</i> rice. <i>Plant Cell Rep.</i> 15:727-730, 1996
	DF	Sambrook, et al., Molecular Cloning: A Laboratory Manual 2 <sup>nd</sup> Edition, Cold Spring Harbor Press, NY, pp 7.39-7.52, 1998
✓	DG	Sambrook et al., Molecular Cloning: A Laboratory Manual 2 <sup>nd</sup> Edition, Cold Spring Harbor Press, NY, pp 9.31-9.58, 1989

Examiner Signature	<i>Yunokura</i>	Considered	10/18/2005
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Michael F. Thomashow et al	
37 CFR §1.98(b)		Filing Date 08-01-2003	Group Art Unit 1638

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	DH	Seki, M., Narusaka, M., Abe, H., Kasuga, M., Yamaguchi-Shinozaki, K., Caminci, P., Hayashizaki, Y., and Shinozaki, K. Monitoring the Expression Pattern of 1300 <i>Arabidopsis</i> Genes under Drought and Cold Stresses by Using a Full-Length cDNA Microarray. <i>The Plant Cell</i> 13:61-72, 2001
	DI	Shimamoto, K., Terada, R., Izawa, T., and Fujimoto, H. Fertile transgenic rice plants regenerated from transformed protoplasts. <i>Nature</i> 338:274-276, 1989
	DJ	Shinozaki, K. and Yamaguchi-Shinozaki, K. Molecular responses to dehydration and low temperature: differences and cross-talk between two stress signaling pathways. <i>Plant Bio.</i> 3:217-233, 2000
	DK	Shinwari, Z.K., Nakashima, K., Miura, S., Kasuga, M., Seki, M., Yamaguchi-Shinozaki, K., and Shinozaki, K. An <i>Arabidopsis</i> Gene Family Encoding DRE/CRT Binding Proteins Involved in Low-Temperature-Responsive Gene Expression. <i>Biochem. and Biophys. Res. Comm.</i> 250:161-170, 1998
	DL	Stalker, D.M., Thomas C.M., and Helinski, D.R. Nucleotide Sequence of the Region of the Origin of Replication of the Broad Host Range Plasmid RK2. <i>Mol. Gen. Genet.</i> 181:8-12, 1981
	DM	Stockinger, E. J., Gilmour, S.J., and Thomashow, M.F. <i>Arabidopsis thaliana</i> CBF1 encodes an AP2 domain-containing transcriptional activator that binds to the C-repeat/DRE, a cis-acting DNA regulatory element that stimulates transcription in response to low temperature and water deficit. <i>Proc. Natl. Acad. Sci. USA</i> 94:1035-1040, 1997
	DN	Strand, A., Hurry, V., Gustafsson, P., and Gardeström, P. Development of <i>Arabidopsis thaliana</i> leaves at low temperatures releases the suppression of photosynthesis and photosynthetic gene expression despite the accumulation of soluble carbohydrates. <i>Plant J.</i> 12:605-614, 1997
	DO	Taji, T., Ohsumi, C., Iuchi, S., Seki, M., Kasuga, M., Kobayashi, M., Yamaguchi-Shinozaki, K., and Shinozaki, K. Important roles of drought- and cold-inducible genes for galactinol synthase in stress tolerance in <i>Arabidopsis thaliana</i> . <i>Plant J.</i> 29:417-426, 2002
	DP	Takatsujii, H., Nakamura, N., and Katsumoto, Y. A New Family of Zinc Finger Proteins in Petunia: Structure, DNA Sequence Recognition, and Floral Organ-Specific Expression. <i>The Plant Cell</i> , 6:947-958, 1994
	DQ	Terry, N., Gielen, J., DeKeyser, A., VanDeneaele, H., Ardiles, W., Neyt, P., DeClercq, R., Coppelters, J., Déhais, P., Villarroel, R., Rouzé, P., and VanMontagu, M. Sequence analysis of a 40-kb <i>Arabidopsis thaliana</i> genomic region located at the top of chromosome 1. <i>Gene</i> 215:11-17, 1998
	DR	Thomashow, M.F. So What's New in the Field of Plant Cold Acclimation? Lots! <i>Plant Physiol.</i> 125:89-93, 2001
	DS	Thomashow, M.F. Plant Cold Acclimation: Freezing tolerance Genes and Regulator Mechanisms. <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> 50:571-599, 1999
<i>JL</i>	DT	Vasil, V., Castillo, A. M., Fromm, M.E., and Vasil, I.K. Herbicide Resistant Fertile Transgenic Wheat Plants Obtained by Microprojectile Bombardment of Regenerable Embryogenic Callus. <i>Bio/Technology</i> 10:667-674, 1993

Examiner Signature	<i>Michael F. Thomashow</i>	Considered	10/16/2005
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Michael F. Thomashow et al		
37 CFR §1.98(b)		Filing Date 08-01-2003	Group Art Unit 1638	

Other Documents (Include Author, Title, Date, and Place of Publication)		
Examiner Initial	Design. ID	Document
	DU	Vasil, V., Redway, F., and Vasil, I.K. Regeneration of Plants from Embryogenic Suspension Culture Protoplasts of Wheat ( <i>Triticum Aestivum L.</i> ) Bio/Technology 8:429-434 (1990)
	DV	Wan, Y. and Lemeaux, P. Generation of Large Numbers of Independently Transformed Fertile Barley Plants. Plant Physiol. 104:37-48, 1994
	DW	Wang, H., Datla, R., Georges, F., Loewen, M. and Cutler, A.J. Promoters from <i>kin1</i> and <i>cor6.6</i> , two homologous <i>Arabidopsis thaliana</i> genes: transcriptional regulation and gene expression induced by low temperature, ABA, osmoticum and dehydration. Plant Mol. Biol. 28:605-617, 1995.
	DX	Wanner, L. and Junttila, O. Cold-Induced Freezing Tolerance in <i>Arabidopsis</i> . Plant Physiol. 120:391-399 (1999)
	DY	Weeks, T., Anderson O., and Blechl, A. Rapid Production of Multiple Independent Lines of Fertile Transgenic Wheat. Plant Physiol. 102:1077-1084, 1993
	DZ	White, T.C., Simmonds, D., Donaldson, P. and Singh, J. Regulation of <i>BN115</i> , a Low-Temperature-Responsive Gene from Winter <i>Brassica napus</i> . Plant Physiol. 106:917-928, 1994
	EA	Wu, A.Y. and Wallace, R. B. The Ligation Amplification Reaction (LAR) – Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation. Genomics 4:560-569, 1989
	EB	Xia, B., Ke, H., and Inouye, M. Acquisition of cold sensitivity by quadruple deletion of the <i>cspA</i> family and its suppression by PNPase S1 domain in <i>Escherichia coli</i> . Mol. Microbiol. 40:179-188, 2001
	EC	Xin, Z. and Browse, J. <i>eskimo1</i> mutants of <i>Arabidopsis</i> are constitutively freezing-tolerant. Proc. Natl. Acad. Sci. USA 95:7799-7804, 1998
	ED	Yamaguchi-Shinozaki, K. and Shinozaki, K. The plant hormone abscisic acid mediates the drought-induced expression but not the seed-specific expression of <i>rd22</i> , a gene responsive to dehydration stress in <i>Arabidopsis thaliana</i> . Mol Gen Genet 238:17-25, 1993
	EE	Yamaguchi-Shinozaki, K. and Shinozaki, K. <i>Arabidopsis</i> DNA Encoding Two Desiccation-Responsive <i>rd29</i> Genes. Plant Physiol. 101:1119-1120, 1993
	EF	Yamaguchi-Shinozaki, K. and Shinozaki, K. A Novel cis-Acting Element in an <i>Arabidopsis</i> gene is Involved in Responsiveness to Drought, Low-Temperature, or High-Salt Stress. The Plant Cell 6:251-264, 1994
	EG	Yoshiba, Y., Kiyosue, T., Katagiri, T., Ueda, H., Mizoguchi, T., Yamaguchi-Shinozaki, K., Wada, K., Harada, Y., and Shinozaki, K. Plant J. 7:751-760, 1987
	EH	Yu, X., Griffith, M. and Wiseman, S.B. Ethylene Induces Antifreeze Activity in Winter Rye Leaves. Plant Physiol. 126:1232-1240, 2001
	EI	Dong, J., et al, <i>Agrobacterium</i> -mediated transformation of Javanica rice. Mol. Breeding, 2:267-276, 1996
✓	EJ	Yamanaka, K., Cold Shock Response in <i>Escherichia coli</i> . J. Mol. Microbiol. Biotechnol., 1(2): 193-202, 1999

Examiner Signature	<i>Vinod Kumar</i>	Considered	10/18/2005
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 21835-00004	Application No. 10/632,436
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Michael F. Thomashow, et al	
		Filing Date 08-01-2003	Group Art Unit 1638

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Signature	<i>Vinoth</i>	Considered	10/18/2021
--------------------	---------------	------------	------------

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.